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PART B - FEE(S) TRANSMITTAL

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Brenda E. Brantley (Depositor's name)
Brenda E. Brantley (Signature)
January 4, 2007 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/534,217	05/06/2005	Kannan Ramanathan	NREL 02-29	1000

TITLE OF INVENTION: ZNO/CU(INGA)S₂ SOLAR CELLS PREPARED BY VAPOR PHASE ZN DOPING

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	\$300	\$0	\$1000	03/21/2007

EXAMINER	ART UNIT	CLASS-SUBCLASS
FICK, ANTHONY D	1753	438-095000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.☐ "Fee Address" Indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

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3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

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MIDWEST RESEARCH INSTITUTE

KANSAS CITY, MISSOURI

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

☒ Issue Fee☒ Publication Fee (No small entity discount permitted)☒ Advance Order - # of Copies 5

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

☐ A check is enclosed.☐ Payment by credit card. Form PTO-2038 is attached.☒ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 14-0460 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

☒ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature

Date January 4, 2007Typed or printed name PAUL J. WHITERegistration No. 20,436

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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Date: January 4, 2007
To: Issue Fee
Organization: U.S. Patent & Trademark Office
Alexandria, VA
Fax Number: 571-273-2885
From: Brenda Brantley
Organization: NREL Legal Office
Fax Number: 303-384-7499
Total Pages: 2 (includes cover page)
For Questions Call: Brenda Brantley @ 303-384-7572

RE: SN 10/534,217, Filed 05/06/2005, Kannan Ramanathan et al., "ZNO/CU(INGA)SE2 SOLAR CELLS PREPARED BY VAPOR PHASE ZN DOPING."

Attached is the Issue Fee Transmittal form authorizing the payment of issue and publication fees for the above-referenced application.

Please acknowledge receipt of cover sheet and attachments

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